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|-----------------------------|--|--|--|-------------------------------|---------------------------------|--|
| Issue Classification | | | | Application No. 09/831,419 | Applicant(s) HIROFUMI ET AL. | |
| | | | | Examiner EVERETT WHITE | Art Unit 1623 | |

| ORIGINAL | | | | CROSS REFERENCE(S) | | | |
|--|----------|-------|-----------------------------------|---|--|--|--|
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| 514 | 55 | 536 | 20 | 124 | | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | |
| A | 6 | 1 | K | 31/722 | | | |
| A | 0 | 1 | N | 43/04 | | | |
| C | 0 | 8 | B | 37/08 | | | |
| C | 0 | 7 | H | 1/00 | | | |
| | | | / | | | | |
| Everett White 1/20/2004 (Assistant Examiner) (Date) | | | | JAMES B. WILSON SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600 <i>James B. Wilson</i> (Primary Examiner) (Date) 1/21/04 | | | |
| (Legal Instruments Examiner) (Date) | | | | Total Claims Allowed: 3 O.G. Print Claim(s) 1 O.G. Print Fig. 1 | | | |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R. 1.47 | |
|--|----------|------------------------------|----------|-------------------------------|----------|----------------------------------|----------|
| Final | Original | Final | Original | Final | Original | Final | Original |
| 1 | | 31 | | 61 | | 91 | |
| 2 | | 32 | | 62 | | 92 | |
| 3 | | 33 | | 63 | | 93 | |
| 4 | | 34 | | 64 | | 94 | |
| 5 | | 35 | | 65 | | 95 | |
| 6 | | 36 | | 66 | | 96 | |
| 7 | | 37 | | 67 | | 97 | |
| 8 | | 38 | | 68 | | 98 | |
| 9 | | 39 | | 69 | | 99 | |
| 10 | | 40 | | 70 | | 100 | |
| 11 | | 41 | | 71 | | 101 | |
| 12 | | 42 | | 72 | | 102 | |
| 13 | | 43 | | 73 | | 103 | |
| 14 | | 44 | | 74 | | 104 | |
| 15 | | 45 | | 75 | | 105 | |
| 16 | | 46 | | 76 | | 106 | |
| 17 | | 47 | | 77 | | 107 | |
| 18 | | 48 | | 78 | | 108 | |
| 19 | | 49 | | 79 | | 109 | |
| 20 | | 50 | | 80 | | 110 | |
| 21 | | 51 | | 81 | | 111 | |
| 22 | | 52 | | 82 | | 112 | |
| 23 | | 53 | | 83 | | 113 | |
| 1 | 24 | 54 | | 84 | | 114 | |
| 2 | 25 | 55 | | 85 | | 115 | |
| 26 | | 56 | | 86 | | 116 | |
| 3 | 27 | 57 | | 87 | | 117 | |
| 28 | | 58 | | 88 | | 118 | |
| 29 | | 59 | | 89 | | 119 | |
| 30 | | 60 | | 90 | | 120 | |